## WHAT IS CLAIMED IS:

1. A pull-on disposable diaper comprising a liquid-pervious booksheet, a liquid-impervious backsheet and a liquid-absorbent core disposed between said topsheet and said backsheet to define a front waist region, a rear waist region and a crotch region extending between said front and rear waist regions, said front and rear waist regions being placed upon each other with said topsheet inside along transversely opposite side edges of said diaper to define a waist-opening and a pair of leg-openings and wherein said diaper having an elastic stretchability circumferentially of said openings is provided on an outer surface of said backsheet with fastening tape strips adapted to hold said diaper has been used,

said diaper further comprising said fastening tape strips extending in said longitudinal direction in parallel to said transversely opposite side edges in at least one of said front and rear waist regions, each of these fastening tape strips having longitudinally opposite end regions thereof bonded to the diaper in vicinity of respective peripheral edges of said waist-opening and said leg-openings and an intermediate region extending between said longitudinally opposite end regions and

defining on an inner surface thereof an adhesive region adapted to be separably bonded on the outer peripheral surface of said diaper rolled up for disposal.

- 2. The diaper according to Claim 1, wherein said intermediate region of the fastening tape strip is temporarily bonded to the outer surface of said backsheet by means of said adhesive region in vicinity of said transversely opposite side edge regions.
- 3. The diaper according to Claim 1, wherein said fastening tape strip has said intermediate region extending to describe a curve which is convex outward transversely of the diaper.
- 4. The diaper according to Claim 1, wherein said fastening tape strip is made of a flexible but non-stretchably plastic sheet.
- 5. The diaper according to Claim 1, wherein said intermediate region of said fastening tape strip is coated on an inner surface thereof with pressure-sensitive adhesive.

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